Ham-Digital Digest   Sun, 20 Feb 94   Volume 94 : Issue   45

Today's Topics:
                        ARnet - Ham Radio Network
                             BayCom V2.00
                           BPQ for Windows
                    KA9Q NOS mutation for VAX/VMS?
                PK232 and RS HTX-202 problems. (3 msgs)
                    Q: Easy Mobile Packet? (3 msgs)
                             teemetry

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 19 Feb 94 17:24:00 -0500
From: agate!iat.holonet.net!wwswinc!john.woodstock@ames.arpa
Subject: ARnet - Ham Radio Network
To: ham-digital@ucsd.edu

                        Amateur Radio Net

Amateur Radio Net is a net dedicated to Amateur Radio enthusiasts. If
you are an Amateur Radio enthusiast, or any of your callers are, this is
an echomail network for you. ARnet is replacing an older ham radio
network that recently folded - RF-Net(tm).

If you would like to get more information about this net, please look
for the information packet ARNET024.ZIP on the following BBS's:

                           Channel1
                           SaltAir
                        Mustang HQ BBS
                           Execnet
                           Intelec
                        Sound Of Music
and the Network Host BBS - The Silicon Garden.
It can be FREQ'd from 1:2619/211 using a magic name of ARNET

ARnet is available via QWK & FIDO. As this is the initial announcement
of the net many HUB positions are still open.

If you have any questions, please contact me.

John Woodstock, N2HAA
P.O. Box 436
Coram, NY 11784
BBS: 516-736-6662
FIDO: 1:2619/211
Internet: SysOp@woodybbs.com

   TXTBCST 1.3b: ARnet - Ham Radio Info Source

Date: 20 Feb 94 00:39:07 GMT
From: news-mail-gateway@ucsd.edu
Subject: BayCom V2.00
To: ham-digital@ucsd.edu

Hi everyone,

Regarding the rumuors about the purportedly imminent release of V2.00 and
associated questions, here's some wisdom straight from the horses' mouth,
Johannes DG3RBU.

Johannes told me last week that he expected a release this year. There was
no word about a release being imminent.

The new version is intended to have a YAPP facility.

It will also no longer be available for copying among amateurs, but will
carry individualized call signs. Johannes regrets that it had to come to

this, but the relentless efforts of certain people who have used "free"
BayCom software to enhance commercial sales of their own clone modems
without permission have driven the BayCom team to this decision.

In this context I would also like to warn impatient users from some
advertising pitfalls put up by the not-so-honest in the business. While
there are some genuine alternatives to the BayCom software such as TFPCX
with assorted terminal programs, or AX25DRV and it's derivatives etc., some
pirates have come up with programs that are based on outdated BayCom
versions. A visiting German amateur recently gave me a program named
PC-COM which he insisted had been given to him for free as the "latest
BayCom software". On close inspection, it turned out to be a program with a
fancy coloured start-up screen, based on BayCom version 1.2 which at that
stage was at least two years out of date.

The current BayCom version is V1.50a, with some special compilations for
certain regions. Unless you are attempting to run 300 Bd with a version
V1.50, there is probably no reason to upgrade to V1.50a or any other 1.50-
version that is worth the effort.

73, Ulrich ZL1DDL
Ulrich Guenther
Physics Department
University of Auckland
PH: 09-373 7599 ext. 8864

Internet: umg@phyvc.auckland.ac.nz
Amateur Packet Radio: ZL1DDL@ZL1AB.#11.NZL.OC

Date: 19 Feb 1994 23:07:33 GMT
From: agate!howland.reston.ans.net!math.ohio-state.edu!hobbes.physics.uiowa.edu!
news.uiowa.edu!panda@ames.arpa
Subject: BPQ for Windows
To: ham-digital@ucsd.edu

The problem you are having with your packet software under Windows is Windows.
 It is really bad for communications... depending on what speed you are
running at, it drops characters, and also (just like OS/2, Linux, etc...)
won't allow the directr resetting of the serial port that maybe this software
is attempting. If you want to multitask comm software, get something else,
basically... or you might want to try getting a new comm driver... there are
many good shareware ones, and many good non-shareware ones too.

Date: 19 Feb 1994 19:49:20 GMT

From: sgiblab!cs.uoregon.edu!news.uoregon.edu!netnews.nwnet.net!
news.u.washington.edu!ptorre@ames.arpa
Subject: KA9Q NOS mutation for VAX/VMS?
To: ham-digital@ucsd.edu

Here's one I haven't heard before: Among the many mutations of KA9Q/NOS
to various platforms, has any port to VMS been done? The full
functionality of NOS would actually be overkill, as tcp/ip support is
already available via CMU-IP; is there some simple AX.25 KISS-mode
driver that will allow the VAX to talk to my MFJ-1270B?
(The OS is MicroVMS 4.4, incidentally.)

Thanks for any info,
-Phil KB7ZFH (ptorre@ee.washington.edu)

Date: 19 Feb 1994 14:08:31 GMT
From: agate!howland.reston.ans.net!news.intercon.com!udel!news.sprintlink.net!
news.dorsai.org!dorsai!jmonaco@ames.arpa
Subject: PK232 and RS HTX-202 problems.
To: ham-digital@ucsd.edu

DALE BABIY (babiyd@mala.bc.ca) wrote:
: Hiya folks. I've got a PK232MBX packet controler, and a RadioShak HTX-202
: handheld. I'd like them to become friends :).... My problem is, I assemble the
: cable as depicted in the manual, The cables check out with the ohm metere (no
: continutity breaks...) so I plug it in, throw the 232 into calibrate mode and
: hit k to key up, but the TX lcd segment doesn't light... no info getting out to
: the real world...

: So folks, anything increadibly dumb that is obviously the problem or should I
: desodder everything and start from square 1?

: Dale,
: VE7XDB

As I have neither an HTX-202 nor a PK-232, this is a shot in the dark but may
be worth looking into. HT's key their transmitters using different methods;
some draw a small current from the microphone pin, others make connections to
ground. Check the Owner's Manual of your PK-232, there may be a section that
deals with this. I know that my MFJ-1278 can be modified internally using
jumpers to solve this problem. Or, you may have just soldered the cable
connectors incorrectly...

Let me know how you make out.

--

John Monaco <jmonaco@dorsai.dorsai.org>

Date: Sat, 19 Feb 1994 15:35:38 GMT
From: mulvey!rich@uunet.uu.net
Subject: PK232 and RS HTX-202 problems.
To: ham-digital@ucsd.edu

DALE BABIY (babiyd@mala.bc.ca) wrote:
: Hiya folks. I've got a PK232MBX packet controler, and a RadioShak HTX-202
: handheld. I'd like them to become friends :).... My problem is, I assemble the
: cable as depicted in the manual, The cables check out with the ohm metere (no
: continutity breaks...) so I plug it in, throw the 232 into calibrate mode and
: hit k to key up, but the TX lcd segment doesn't light... no info getting out to
: the real world...

: So folks, anything increadibly dumb that is obviously the problem or should I
: desodder everything and start from square 1?

   Well, when I was hooking my HTX up to my MFJ, I found that I had to use
a smaller value resistor than was recommended - I used 1.5K instead of the
2.2K mentioned in the manual and by RS.

   It's been working like a charm ever since. (The HTX is great on
packet - I can hit nodes 14 miles away using the rubber resistor, while
in my basement. Of course, I don't usually do that because it would
annoy the other packeters in the area. :-)

- Rich

--
Rich Mulvey   Amateur Radio: N2VDS   Rochester, NY
rich@mulvey.com   "Full power on half a watt."

Date: 18 Feb 94 17:32:03 -0700
From: ucsnews!sol.ctr.columbia.edu!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!
mala.bc.ca!babiyd@network.ucsd.edu
Subject: PK232 and RS HTX-202 problems.
To: ham-digital@ucsd.edu

Hiya folks. I've got a PK232MBX packet controler, and a RadioShak HTX-202
handheld. I'd like them to become friends :).... My problem is, I assemble the
cable as depicted in the manual, The cables check out with the ohm metere (no
continutity breaks...) so I plug it in, throw the 232 into calibrate mode and
hit k to key up, but the TX lcd segment doesn't light... no info getting out to

the real world...

So folks, anything increadibly dumb that is obviously the problem or should I
desodder everything and start from square 1?

Dale,
VE7XDB

Date: 18 Feb 1994 13:38:23 GMT
From: europa.eng.gtefsd.com!howland.reston.ans.net!math.ohio-state.edu!sdd.hp.com!
col.hp.com!jms@uunet.uu.net
Subject: Q: Easy Mobile Packet?
To: ham-digital@ucsd.edu

Daniel W. Collison (Daniel.W.Collison@dartmouth.edu) wrote:
: Anyone have any advice for a convenient way to connect a packet TNC to
: a mobile rig? It would be nice not to have to keep unplugging from the
: external speaker jack, not have to unscrew the microphone, etc., if you
: could switch from mike to packet & vice versa. Also it would be
: convenient to run the TNC off of the car's power. I want to use a
: KPC-3 TNC, an Icom 228H, and a laptop computer. Thanks.

It's not hard to build a switch box that will allow you to switch between
the TNC and the mic. You can buy a chassis mount jack for the mic
connecter (I got mine from HRO) and Radio Shack sells the matching
8-pin plug. I also put a switch on my external speaker so I can shut
off the audio (actually, it switches the radio output to a jack
that's mounted on the speaker so I can use a remote speaker outside
the truck, but it serves as a shut off switch, too). The receive audio
is available on the mic jack also.

Mike, K0TER

Date: 18 Feb 94 19:57:05 GMT
From: swrinde!cs.utexas.edu!howland.reston.ans.net!vixen.cso.uiuc.edu!
newsrelay.iastate.edu!news.iastate.edu!jvp@network.ucsd.edu
Subject: Q: Easy Mobile Packet?
To: ham-digital@ucsd.edu

In <2k0icj$b8c@dartvax.dartmouth.edu> Daniel.W.Collison@dartmouth.edu (Daniel W.
Collison) writes:

>Also it would be
>convenient to run the TNC off of the car's power. I want to use a

>KPC-3 TNC, an Icom 228H, and a laptop computer. Thanks.

   Unless they've changed things from the KPC-2 to the KPC-3, you can
directly plug it into your outlet. My KPC-2 came with a 12V wall-brick
power supply. I threw that out and wired it into my 12V power supply
for my other equipment. The KPC-3 _should_ have a regulator on-board
to cut that down to what they need.

```
+--------------------------------------------------------------+
| Jim Van Peursem - Ph.D. Candidate - Ham Radio -> KE0PH        |
| Department of Electrical Engineering and Computer Engineering |
| Iowa State University - Ames, IA 50011 : (515) 294-8339       |
| internet - jvp@iastate.edu  -or-  jvp@cpre1.ee.iastate.edu    |
+--------------------------------------------------------------+
```

Date: 18 Feb 94 22:13:44 GMT
From: hsdndev!dartvax.dartmouth.edu!usenet@rutgers.rutgers.edu
Subject: Q: Easy Mobile Packet?
To: ham-digital@ucsd.edu

In article <jvp.761601425@tools1.ee.iastate.edu>
jvp@tools1.ee.iastate.edu (Jim Van Peursem) writes:

> >Also it would be
> >convenient to run the TNC off of the car's power. I want to use a
> >KPC-3 TNC, an Icom 228H, and a laptop computer. Thanks.
>
>   Unless they've changed things from the KPC-2 to the KPC-3, you can
> directly plug it into your outlet. My KPC-2 came with a 12V wall-brick
> power supply. I threw that out and wired it into my 12V power supply
> for my other equipment. The KPC-3 _should_ have a regulator on-board
> to cut that down to what they need.

     Even better, the KPC-3 can run for a week off an internal 9V
battery.

==
Kenneth E. Harker N1PVB   Dartmouth College Amateur Packet Radio
kenneth.e.harker@dartmouth.edu Hinman Box 1262   n1pvb@w1et.nh.usa.na
(603) 643-6549   Hanover, NH 03755 or n1pvb-5 on 144.99
==
          (PGP Public Key now available on request)

Date: Sun, 20 Feb 94 00:35:09 -0500
From: olivea!news.bu.edu!noc.near.net!news.delphi.com!usenet@ames.arpa
Subject: teemetry
To: ham-digital@ucsd.edu

I am involved in a project involving PC data collection. I need to
syncronize two PC's collecting data - one under a brige, and one in the
car going over a bridge. All I need to do is provide some external time
base that both PC's can collect along with the other data (actually only
one need collect it, the opposite PC could generate it for itself and the
other one) I need to syncronize the two PC's to within about 1 mili-second
of each other. Any ideas??? Packet comes to mind as one posibility, but
is it fast enough? How about other kinds of (amateur) digital telemetry?
Any suggestions would be appericiated

Al Ludwig, N7JTI
caludwig@delphi.com

End of Ham-Digital Digest V94 #45
****
****